TITLE: SYSTEM AND METHOD FOR REMOVING NARROWBAND NOISE INVENTORS NAME: Joseph E. Bange et al. DOCKET.: 279.278US2

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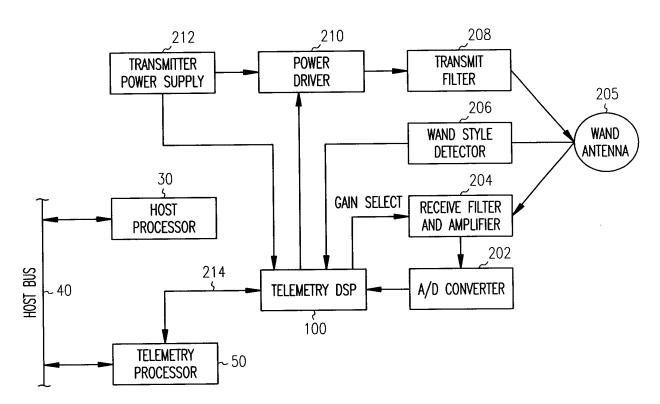
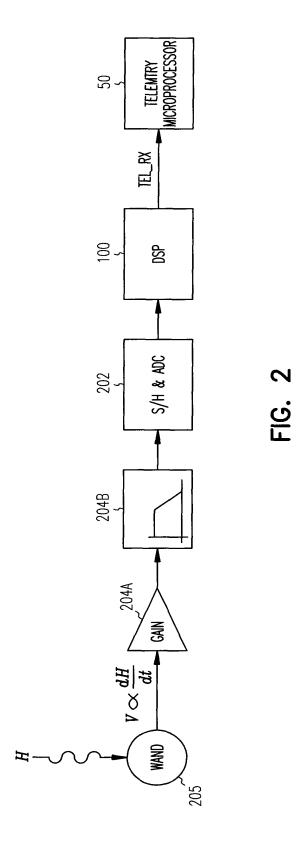


FIG. 1

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SYSTEM AND METHOD FOR REMOVING NARROWBAND NOISE TITLE: INVENTORS NAME: Joseph E. Bange et al.

DOCKET.: 279.278US2 3/3 SIGNAL PEAK DETECT NOISE PEAK DETECT 127 120 NOTCH FILTER MAKE IIR ~ 130 FAST RUNNING AVERAGE SIGNAL PEAK-INTO THRESHOLD 135 DETECT NARROW
BAND PEAKS COMPARE TO THRESHOLD DETECT POWER SPECTRA 125 AVERAGE 8 SIGNAL PEAK >> MIN\_THRESHOLD? 9 FIR MATCHED FLER 134 POWER SPECTRUM COVERT TO SLOW RUNNING
AVERAGE NOISE PEAK—INTO MIN\_THRESHOLD IIR NOTCH FILTERS MIN\_THRESHOLD; NOISE PEAK 132 NOISE\_BUFFER [512] 듄 133-4 YES SIGNED INTEGER COVERT TO HANNING WINDOW NOISE PEAK > MIN\_THRESHOLD? 1 9

SORE

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